

**2020 CRASH FACTS**



**TENNESSEE**



Tennessee Highway Patrol  
TITAN Division Statistics Office  
Nashville, TN | [Stats.Safety@tn.gov](mailto:Stats.Safety@tn.gov)



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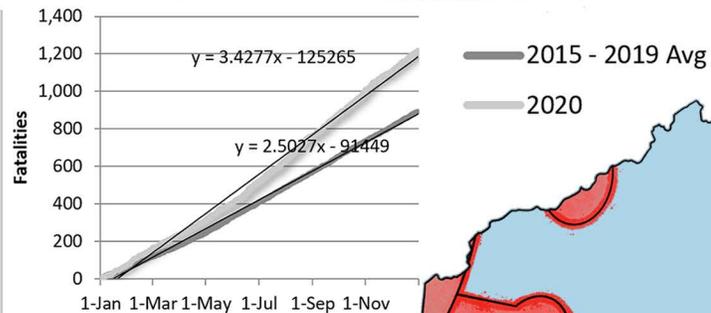




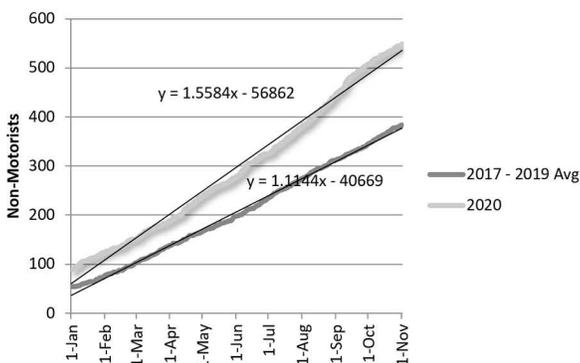
# COVID-19

CY 2020 saw 1,217 motorists killed, compared to 1,035 on average from 2015 - 2019

**17.6% Change**



**Non-Motorists Killed or Seriously Injured, 2017 - 2020**



• Between January 1st and March 15th (before lock downs) there were 198 motorists killed in 2020, up 35.6% from the 2015 - 2019 average of 146.

• CY 2020 saw 548 non-motorists killed or seriously injured, a 42.7% increase from 384 on average from 2017 - 2019.



# DEER

6,230  
More Than

\$1500  
Damage Threshold

Less Than  
129

- There were 6,549 motor vehicle crashes involving Deer
- 362 total injuries
- 1 Fatal injury
- 79% occurred between the hours of 5pm and 7am



50% of Deer Crashes occur between the months of October - Decmeber



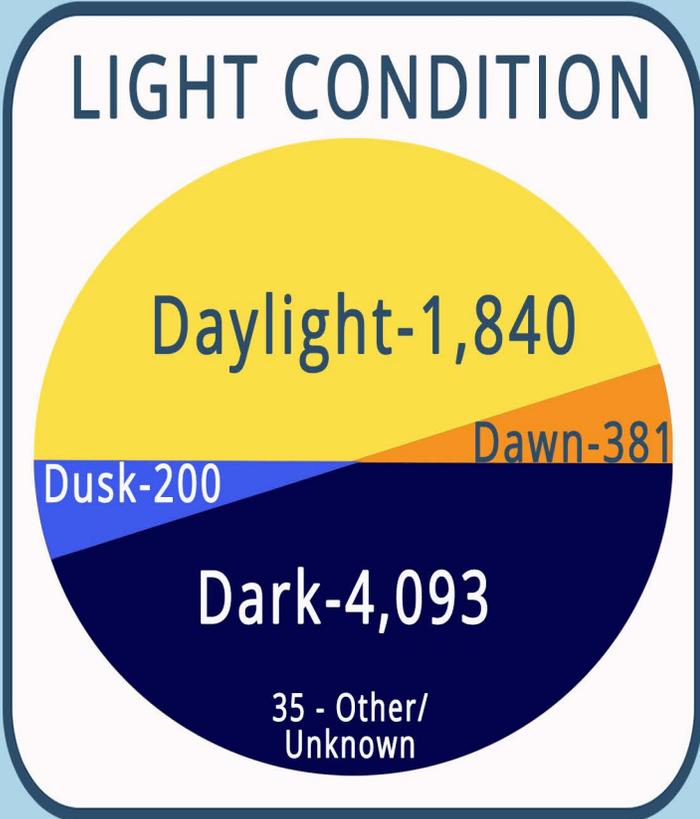
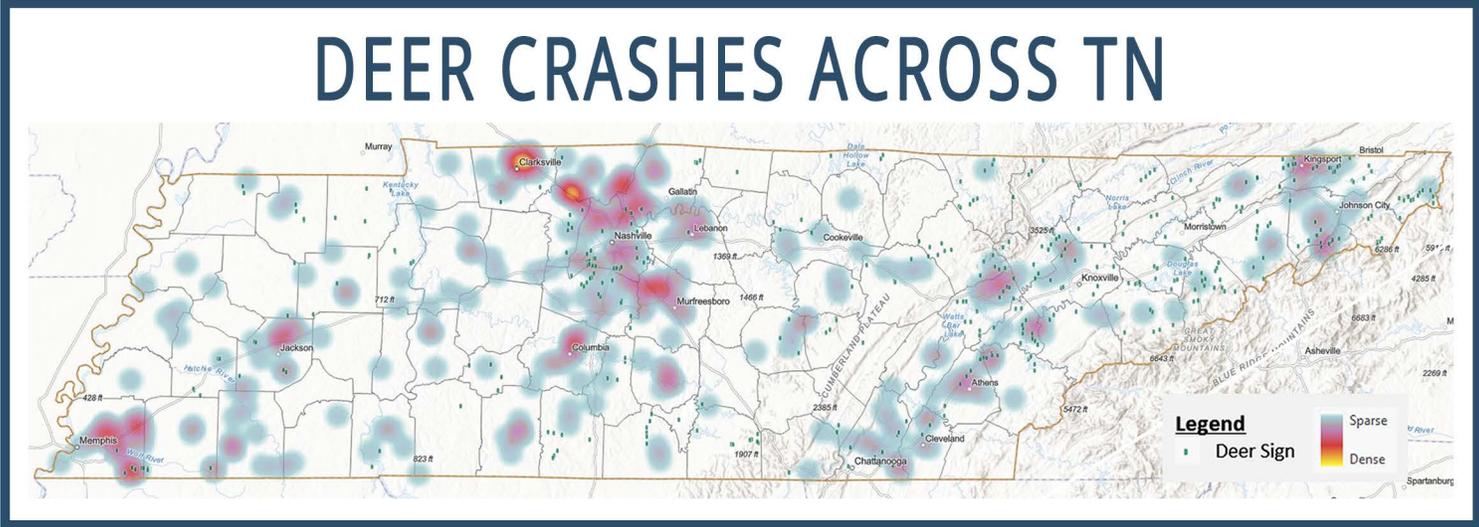
Over  
\$90,000,000  
in costs



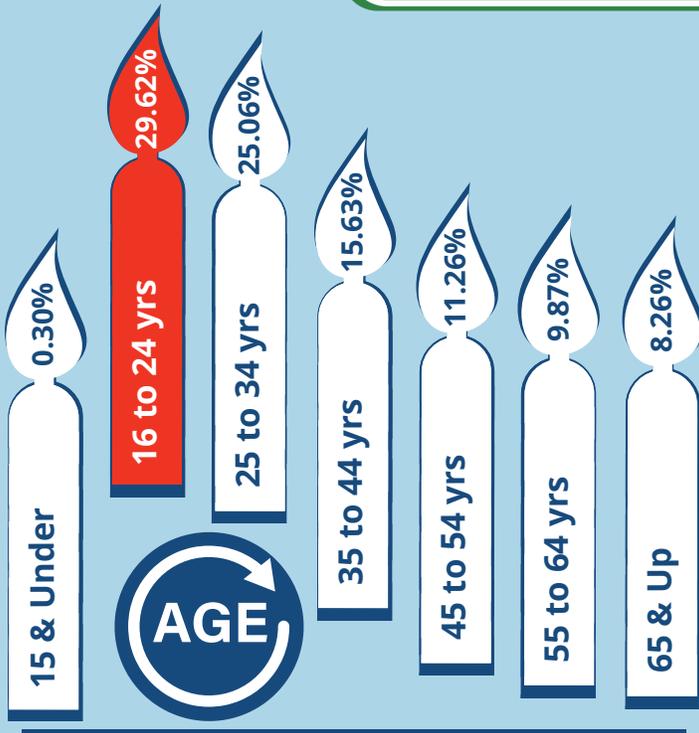



# DEER

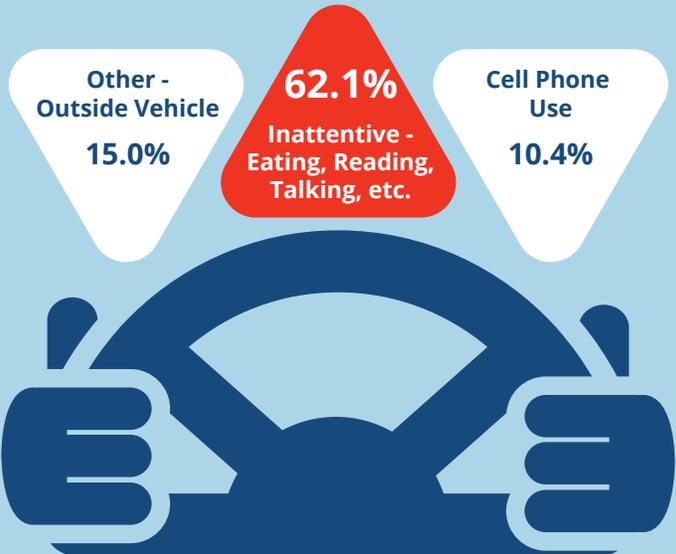
## DEER CRASHES ACROSS TN



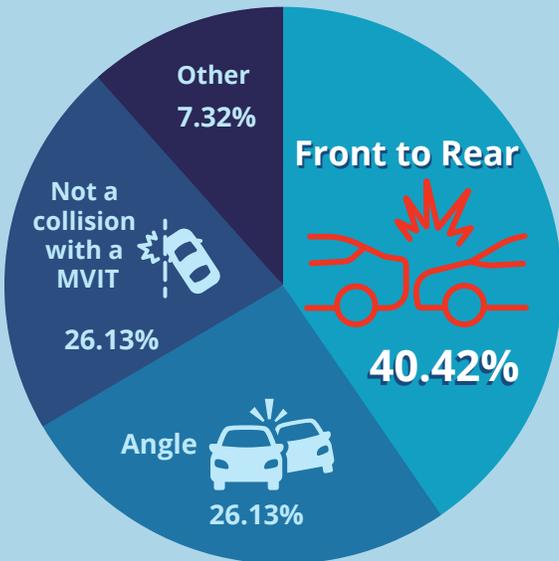
# DISTRACTED DRIVING



## TOP 3 DISTRACTION TYPES



## TOP 3 MANNER OF COLLISION



◆ There were 23,815 motor vehicle crashes involving a distraction





# DISTRACTED DRIVING

## DISTRACTED DRIVING IN RURAL AREAS

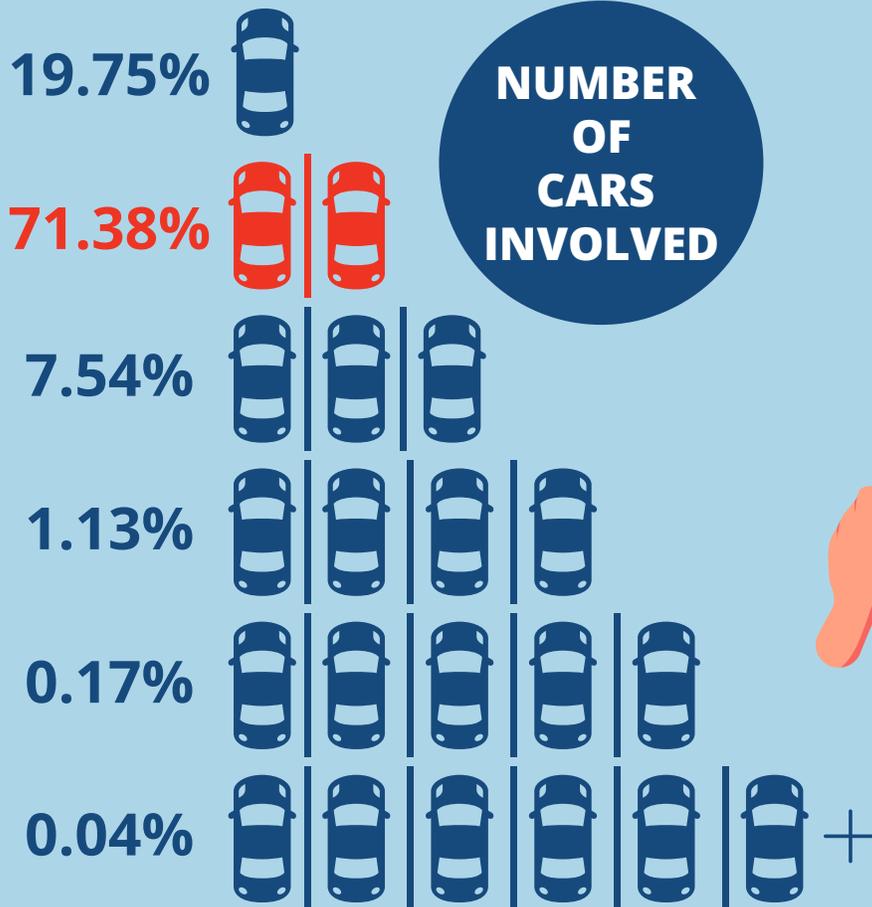


2.7 x more likely to be a single vehicle crash

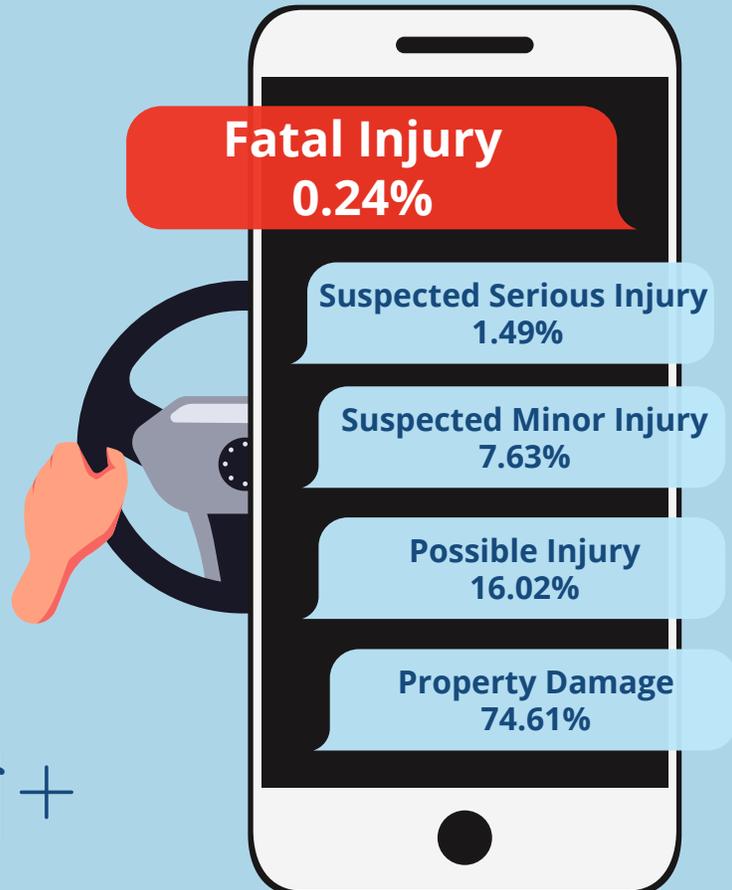
## DISTRACTED DRIVING IN URBAN AREAS



About 1/3 of distracted driving crashes occur on city roads



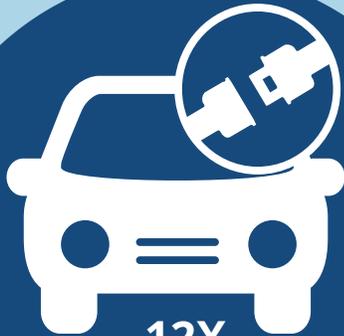
## CRASH TYPE





# IMPAIRED DRIVING

- ◆ 7,332 crashes involving an impaired driver.
- ◆ Impaired driving crashes are over 14 times more likely to result in a fatality than crashes that do not involve an impaired driver.



**12X  
MORE LIKELY TO BE  
UNBELTED**

**Impaired drivers are  
4x more likely to speed**



## IMPAIRED DRIVING IN URBAN AREAS



**5.7 x more likely  
to strike a fixed  
object**

## IMPAIRED DRIVING IN RURAL AREAS

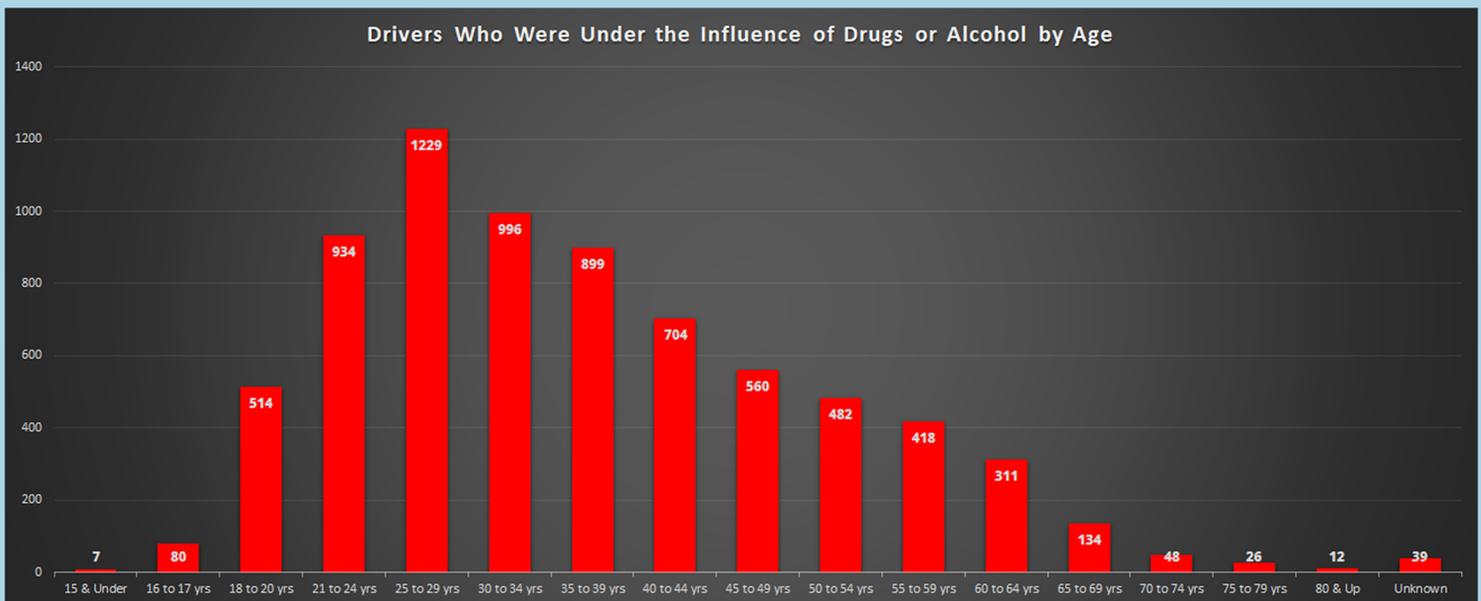
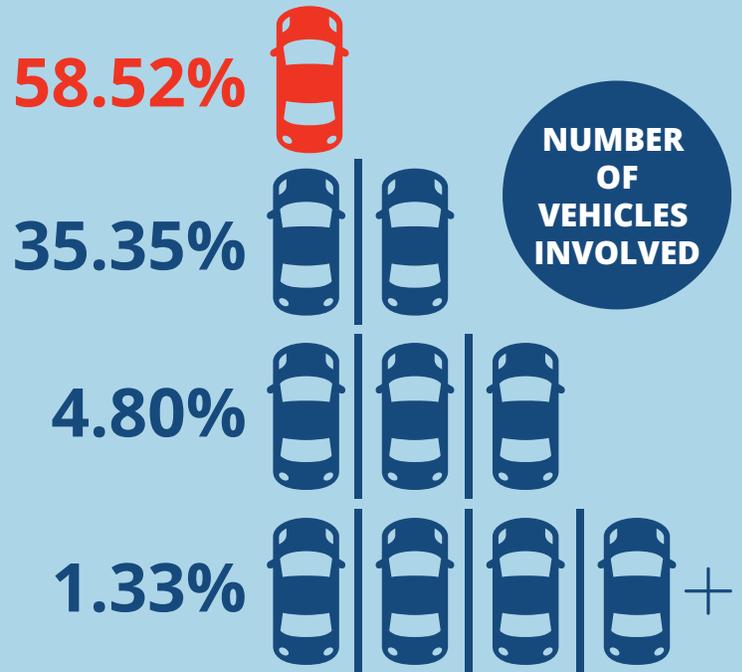


**2.7 times more  
likely to have a  
non-collision  
crash**



# IMPAIRED DRIVING

**10%**  
of fatal crashes involved  
both alcohol and drugs





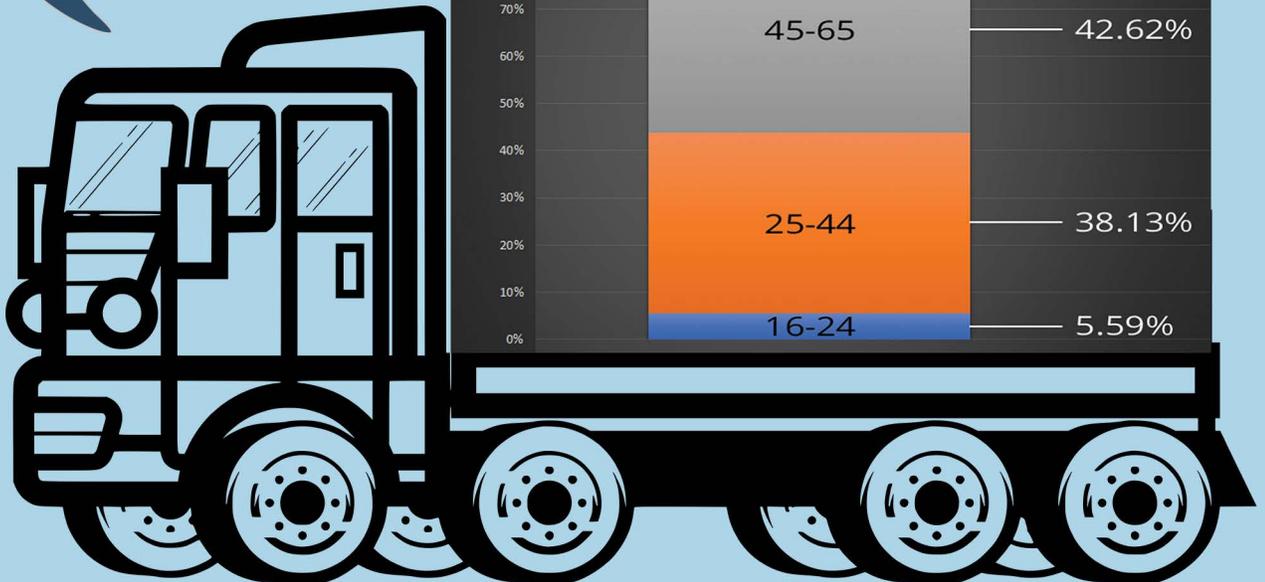
# LARGE TRUCKS

- There were 12,221 motor vehicle crashes involving Large Trucks.
- One in 14 TN motor vehicle crashes involved a Large Truck.
- One in six (195) TN crash fatalities involved a Large Truck.
- One in three crashes involving a Large Truck occurred on an interstate.
- Six percent of Large Truck drivers involved in crashes were following improperly



Two out of every 15 daytime crashes occurred in the rain

Large Trucks are 15% less likely to crash at night than other vehicles



2020 CRASH FACTS



# LARGE TRUCKS

One crash occurred every 3 minutes, 0 seconds.

An intersection crash occurred every 8 minutes, 58 seconds.

An injury crash occurred every 12 minutes, 25 seconds.

One person was killed in a crash every 7 hours, 13 minutes, and 3 seconds.

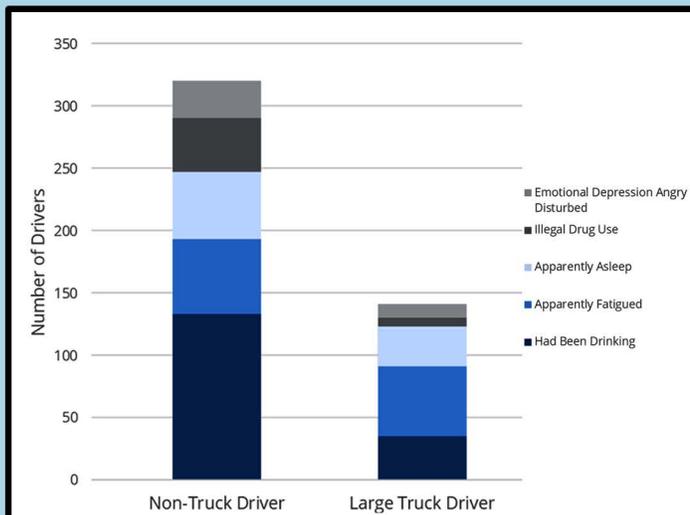
One person was killed in an alcohol-involved crash every 1 day, 3 hours, 1 minute, and 39 seconds.

One person was killed in a crash involving a large truck every 1 day, 21 hours, 30 minutes, and 46 seconds.

One person was killed in a crash involving a teen driver every 2 days, 19 hours, 34 minutes, and 9 seconds.

One pedestrian was killed every 2 days, 3 hours, 22 minutes, and 6 seconds.

One child (age<18) was killed every 7 days, 4 hours, and 14 minutes.



## TOP 5 DRIVER CONDITIONS

### LG TRUCK INTERSECTION CRASHES

1 IN 4 Crashes

Involved a Lg Truck

1 IN 5 Crashes

Maneuver - Turning Left

4 IN 27 Crashes

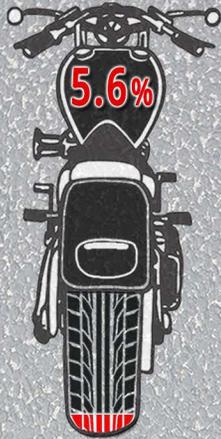
Failed to Yield or Turned Improperly





MOTORCYCLES  
ALLOWED

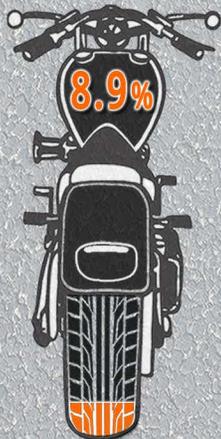
# MOTORCYCLE



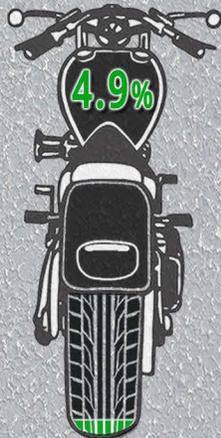
FATAL  
CRASHES



FATALITIES  
BY GENDER



SPEEDING  
RELATED



IMPAIRMENT  
INVOLVED

•Deaths on motorcycles were the fourth most frequent behind deaths in passenger cars, SUVs and pickup trucks.

•Motorcycle riders are 5.1x more likely to be killed or injured in a crash than passenger vehicle occupants.

•One of every five motorcycles involved crashes had a non-collision most harmful event.

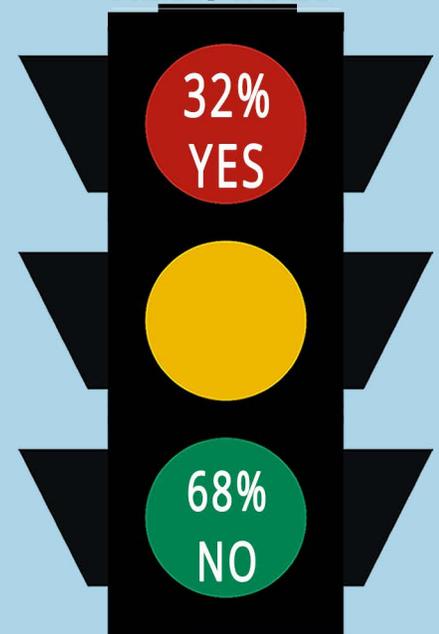
•About 5 out of 8 Motorcycle Crashes occur in Urban Areas.

## CRASHES IN RURAL AREAS



Rural Areas are 37% more likely to involve a fatality or serious injury

## INTERSECTION INVOLVED





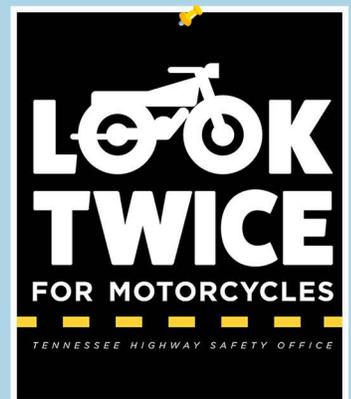
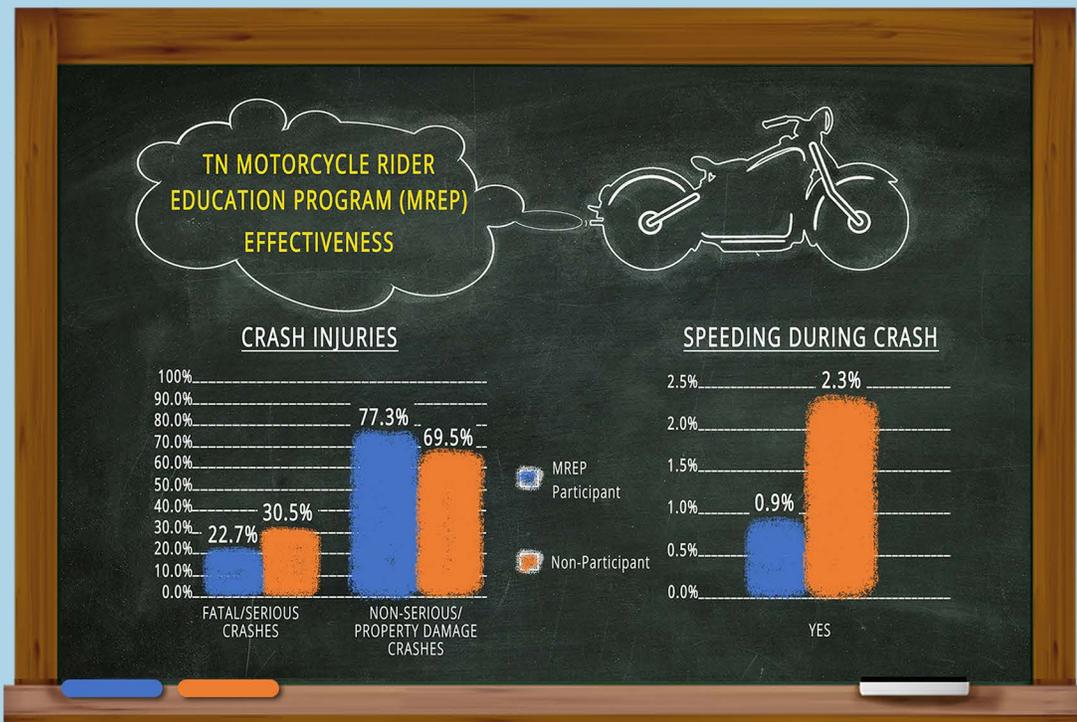
# MOTORCYCLE

## TOP 5 MOST HARMFUL EVENTS



 **72%** of Motorcycle crashes occur during daylight

Motorcycle crashes in the dark are 2.4X more likely to result in a fatality 





# NON-MOTORIST

## NON-MOTORISTS IN URBAN AREAS



89%  
of pedestrians are  
struck in urban areas

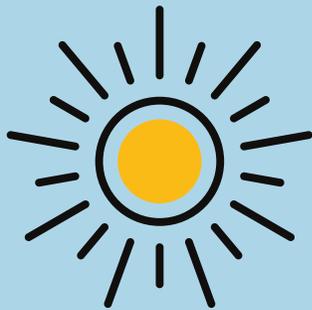
## NON-MOTORISTS IN RURAL AREAS



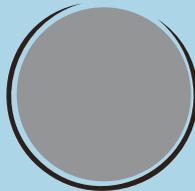
1.5x more likely  
to be killed  
or seriously injured

# LIGHT CONDITION

## 1,774 crashes



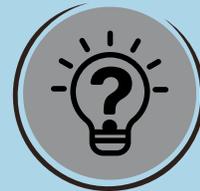
887  
Daylight



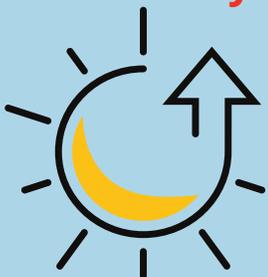
226  
Dark-  
Not Lighted



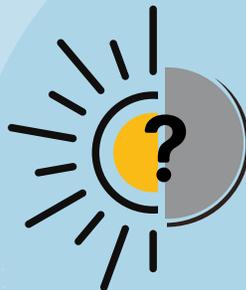
549  
Dark-  
Lighted



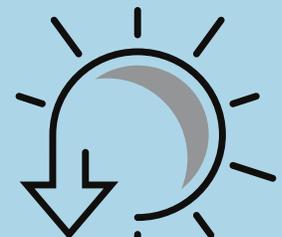
12  
Dark-  
Unknown Lighting



39  
Dawn



16  
Unknown Lighting



45  
Dusk



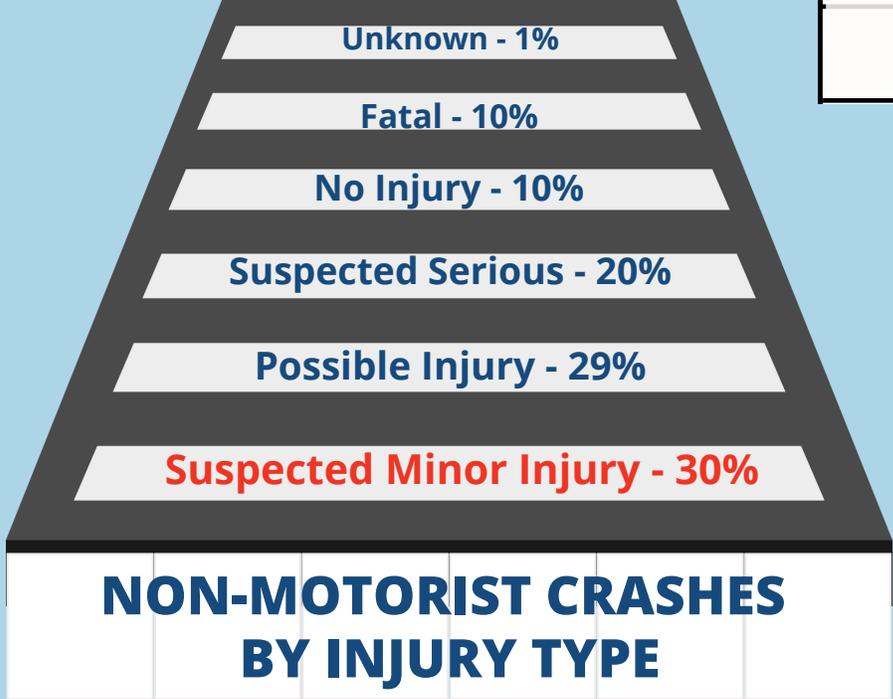


# NON-MOTORIST

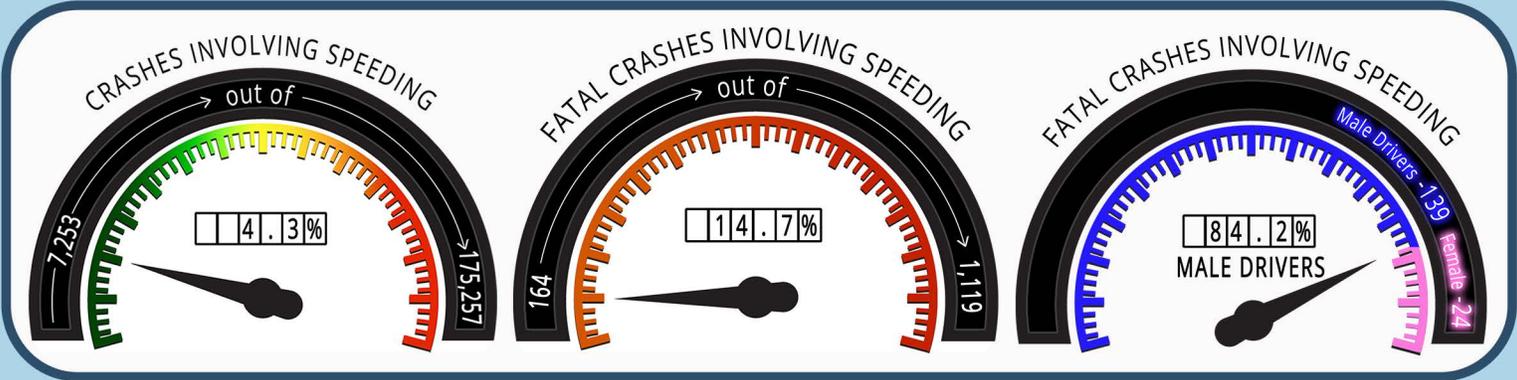


S	M	T	W	T	F	S

**Pedestrian crashes are over twice as likely to occur on Friday and Saturday nights**



# SPEEDING



- Speeding crashes are 4x more likely to cause a fatality than non-speeding crashes
- Drunk drivers are almost 4x more likely to speed than sober drivers
- 64% of speeding crashes are NOT on an interstate

Crashes at night are 1.2x more likely than daytime crashes to involve a speeding driver



1 in 4 speeding-related crashes occurred during daylight in the rain

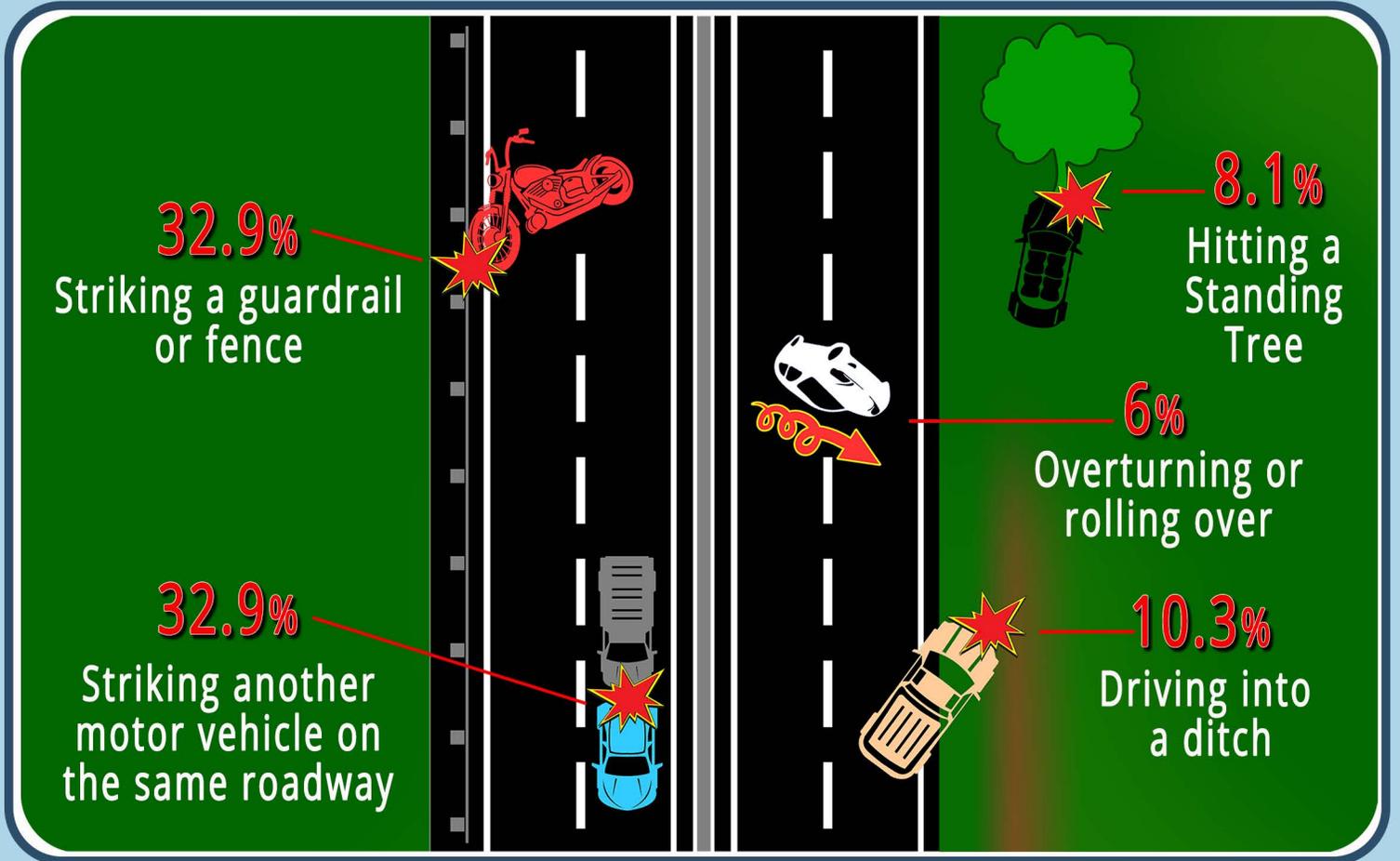
25

Speeding drivers are twice as likely to be under the age of 25 than drivers who are not speeding



# SPEEDING

## TOP 5 FIRST HARMFUL EVENTS WHERE SPEED WAS A FACTOR



### SPEEDING IN URBAN AREAS

2.6x more likely to involve a motorcycle

### SPEEDING IN RURAL AREAS

25% more likely to involve a teen driver





# UNBELTED INJURIES

## UNBELTED OCCUPANTS IN URBAN AREAS



Urban crashes are 51% more likely to involve an unbelted occupant at night

## UNBELTED OCCUPANTS IN RURAL AREAS



Rural crashes are 2.5 times more likely to involve an unbelted occupant



Occupants under the age of 16 are **74%** more likely to be unbelted than other occupants

Ejected occupants are **59x** more likely to be killed in a crash





# UNBELTED INJURIES



84.9%



89.3%



94.7%



95.5%

## TN SEATBELT USAGE STUDY

\*2019 counts were utilized as no survey was conducted in 2020 due to COVID-19.

Source: University of Tennessee Center for Transportation Research, Annual Surveys of Safety Belt and Motorcycle Helmet Usage.



Occupants who had been drinking were **8.6x** more likely to be unbelted



# CLICK IT OR TICKET

WE'RE GOING TO SAVE LIVES!



Tennessee Highway Patrol  
TITAN Division Statistics Office  
Nashville, TN | [Stats.Safety@tn.gov](mailto:Stats.Safety@tn.gov)

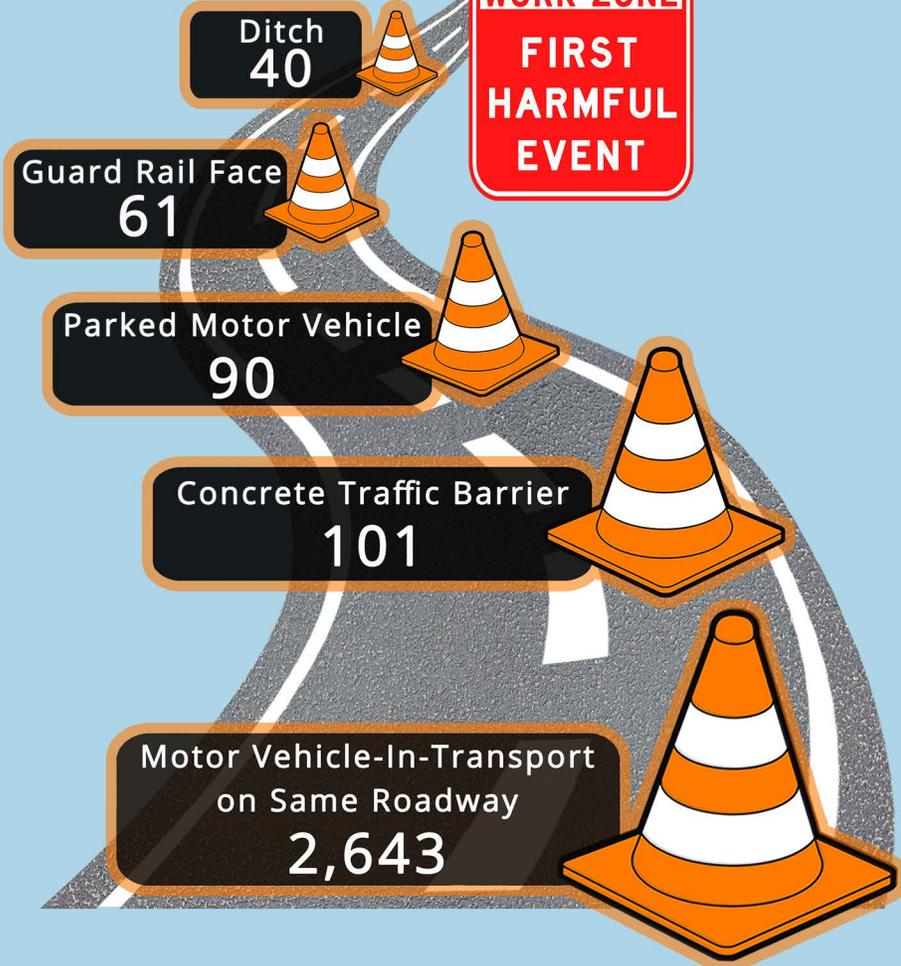




# WORK ZONE

- 2% of Statewide crashes occurred in a work zone
- 9 out of 20 work zone crashes occur on the interstate and state routes
- Work zone crashes on interstates and state routes are 3x as likely to result in a fatality vs. work zone crashes on other roadways

**TOP 5  
WORK ZONE  
FIRST  
HARMFUL  
EVENT**



 **70%**  
of Work Zone  
crashes occurred  
during daylight

Work Zone crashes  
in the dark were 2x  
more likely to result  
in a fatality 





# WORK ZONE

## WORK ZONES IN URBAN AREAS



Workers are present in 1/2 of all Work Zone crashes

## WORK ZONES IN RURAL AREAS



Twice as likely to involve speeding

# WORK ZONE CRASHES BY CRASH TYPE

